

CP	64	64	64	64	CP	128	128
----	----	----	----	----	----	-----	-----

FIG.1
(PRIOR ART)

CP	128	128
----	-----	-----

FIG.2
(PRIOR ART)

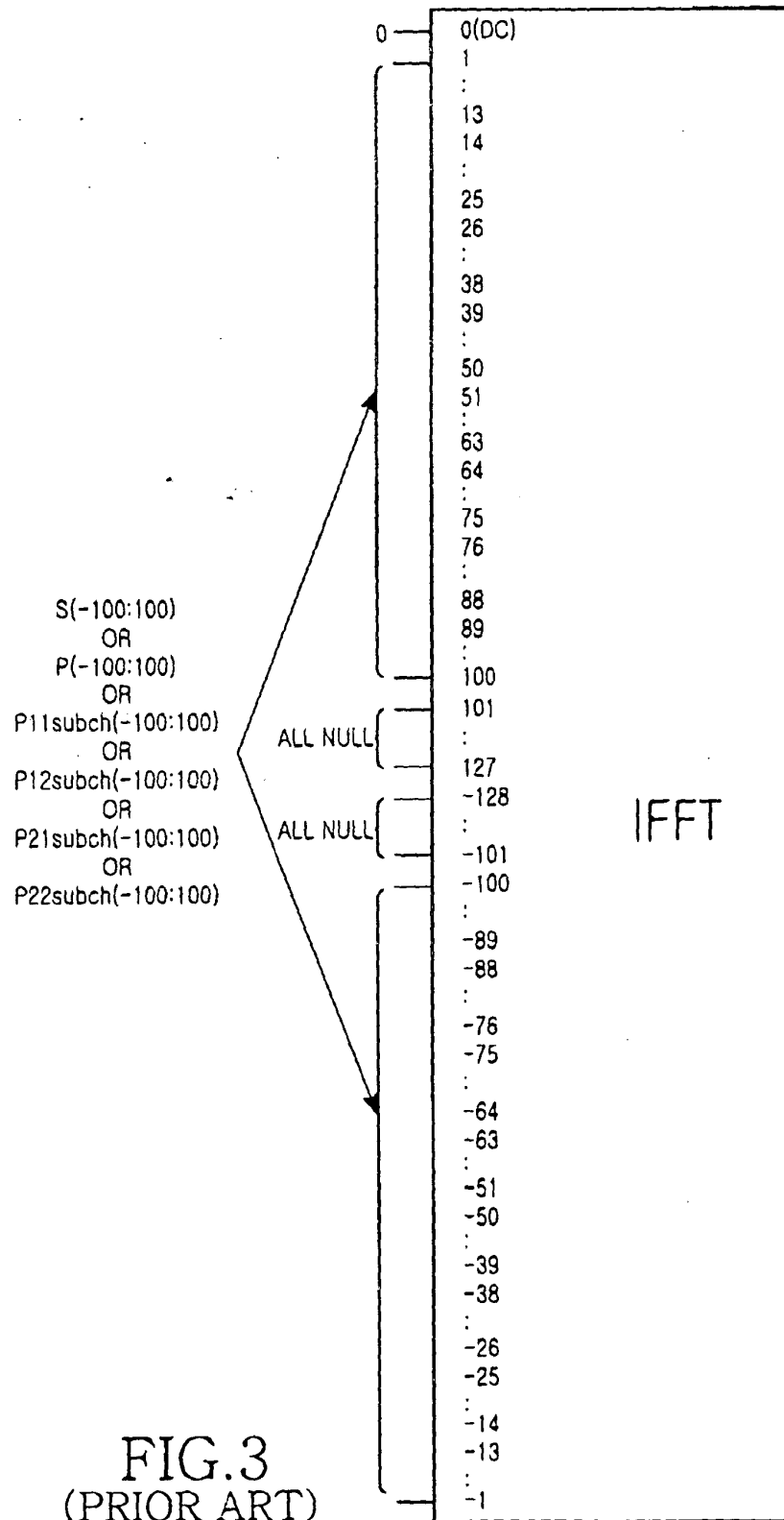


FIG.3
(PRIOR ART)

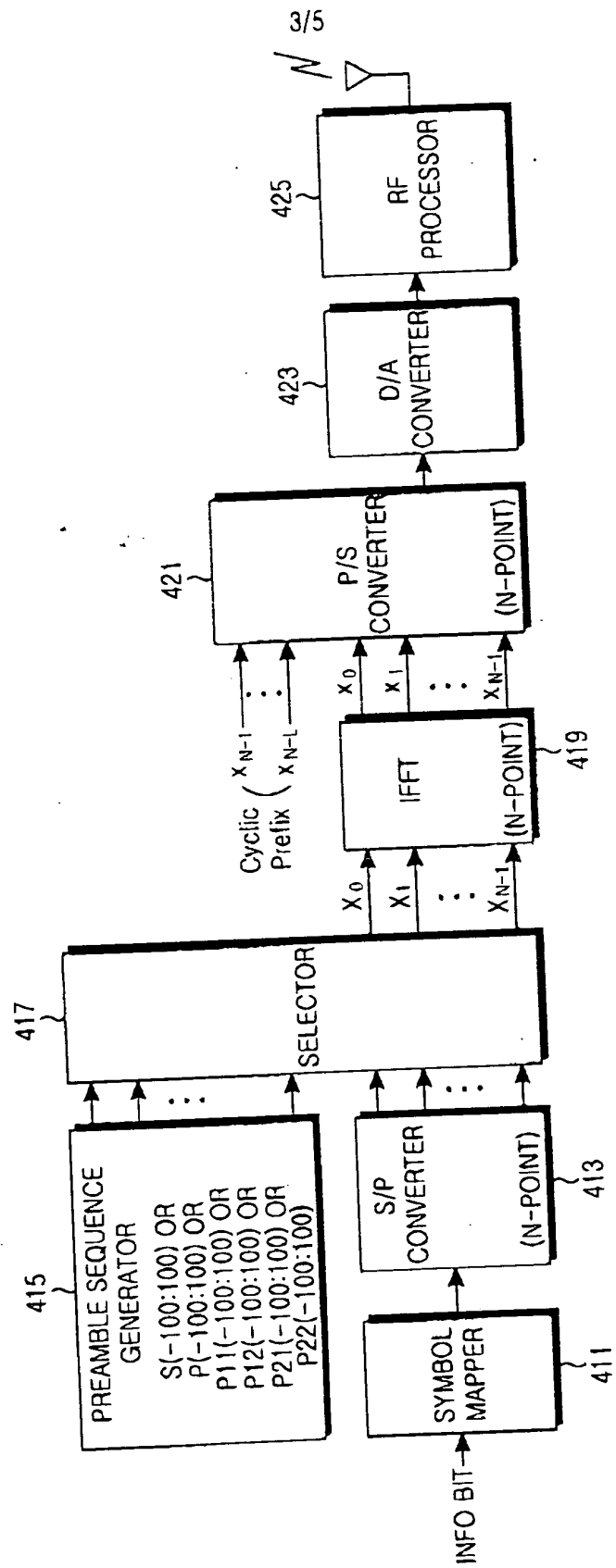


FIG.4

1. WHEN ALL SUBCHANNELS ARE USED,
P(-100:100) IS INSERTED

2. WHEN ONLY ONE SUBCHANNEL IS
USED, DATA IS INSERTED INTO ONLY
CORRESPONDING SUBCHANNELS IN
P111subch(-100:100) OR
P112subch(-100:100) OR
P113subch(-100:100) OR
P114subch(-100:100) OR
P211subch(-100:100) OR
P212subch(-100:100) OR
P213subh(-100:100) OR
P214subch(-100:100),
AND NULL DATA IS INSERTED
INTO REMAINING SUBCHANNELS

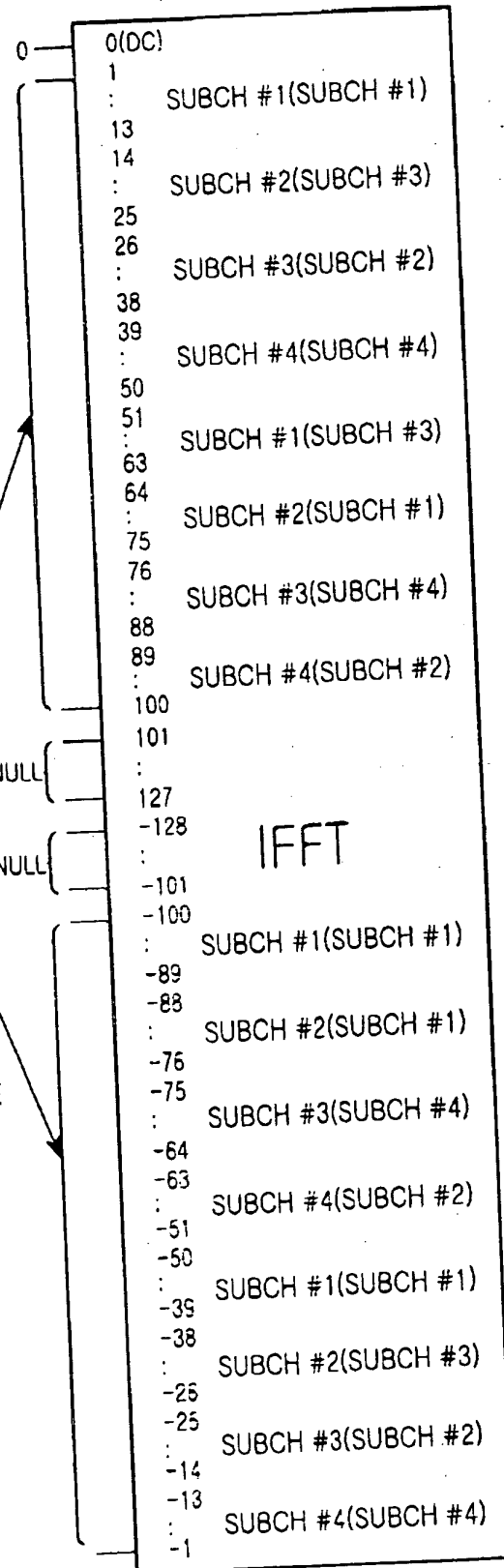
3. WHEN ONLY TWO SUBCHANNELS ARE
USED, DATA IS INSERTED INTO ONLY
CORRESPONDING SUBCHANNELS IN
P12(1+3)subch(-100:100) OR
P12(2+4)subch(-100:100) OR
P21(2+4)subch(-100:100) OR
P22(3+4)subch(-100:100),
AND NULL DATA IS INSERTED
INTO REMAINING SUBCHANNELS

ALL NULL

ALL NULL

IFFT

FIG.5



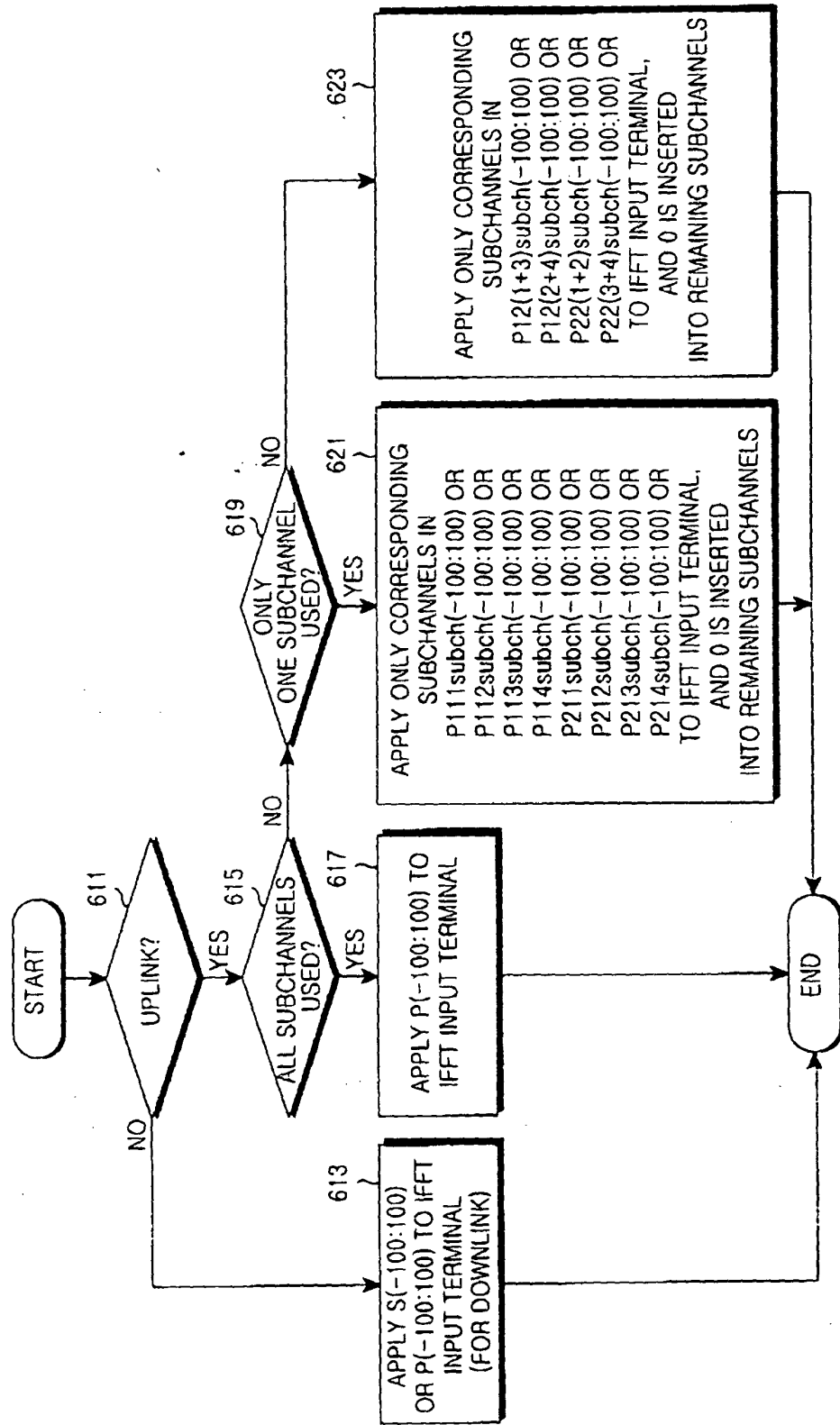


FIG. 6